

EPA Registration Jacket 66330-41

Vol.2

Material to be added to an e-Jacket

Reg. No. 66330-41

5B 21

1. Placement within the e-Jacket:

- ☒ Default: chronological top
 - ☐ Other: (PDF page number, i.e., "before page 45")
-

2. Is this material:

- ☐ Newly stamped accepted label
- ☒ Notification (Accepted)
- ☐ New CSF
- ☐ Other: _____

3. Attach this notice on top of the material. It must be clipped all together, **NOT STAPLED**. Then give the material with this coversheet to staff in the Information Services Center (Room S-4900).

Reviewer's Name: Menyon Adams

Phone: 703-347-8496 Division: BPPD

Date: 08/31/09

Receipt for Section 3

S: 854490	Resubmission: <input type="radio"/> Yes <input checked="" type="radio"/> No	<div>Print Letter</div> <div>Enter More Information</div> <div>Tracking</div>					
Regulatory Type: Product Registration - Section 3	Fee For Service: <input type="radio"/> Yes <input checked="" type="radio"/> No						
Application Type: Notification							
Company: 66330 ARYSTA LIFESCIENCE NORTH AMERICA, LLC	V						
Risk Manager: Biologicals & Pollution Prevention Division, PM Team 91							
Product #: 66330-41	Product Name: ENDORSE WETTABLE POWDER FUNGICIDE						
Chemical#							
Me Too Section3	Me Too Product Name						
Application Date: 19-Jun-2009	OPP Rec'd Date: 23-Jun-2009	<table border="1"> <thead> <tr> <th>Receipt Content</th> <th>Des</th> </tr> </thead> <tbody> <tr> <td>Other</td> <td>Notification</td> </tr> </tbody> </table>		Receipt Content	Des	Other	Notification
Receipt Content	Des						
Other	Notification						
Front End Date: 23-Jun-2009	Risk Manager Send Date: 24-Jul-2009						
FFS Due Date:	Negotiated Due Date:						
OPP Target Date:							
Fast Track: <input type="checkbox"/>	New Ingredient: <input type="checkbox"/>	View/Edit					
Receipt Description: Notification		New Ingredient Request Date: New Ingredient Received Date: Signature Date:					
Form A: <input type="checkbox"/>	Signature Date:	Form B: <input type="checkbox"/>	Signature Date:				

332 Notification

D. HUDSON

AIO

AUG 10 2009

T. Bethea

Rec'd.
AUG 11 2009
sdh

Re-AIO-Adams
AUG 28 2009
sdh

Rec'd
JUL 28 2009
ACB



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

August 31, 2009

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Bill Washburn
Regulatory Manager
Arysta LifeScience North America, LLC
15401 Weston Parkway, Suite 150
Cary, NC 27513

RE: Product Name: Endorse®Wettable Powder Fungicide
EPA Reg. No: 66330-41
Application for Label Notification Dated June 19, 2009 to revise the
storage and disposal statement.

Dear Mr. Washburn:

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under Pesticide Registration (PR) Notice 98-10 dated above. A preliminary screen of this request has been conducted for its applicability under PR Notice 98-10 and it has been determined that the action(s) requested falls within the scope of PR Notice 98-10. Our records have been duly noted, and the label submitted with this application has been stamped "Notification, received and reviewed" and will be placed accordingly in our records.

If you have any questions concerning this action, please feel free to contact Ms. Menyon Adams at (703) 347-8496 or email at adams.menyon@epa.gov.

Sincerely,

Linda Hollis

Linda Hollis, Chief
Biochemical Pesticides Branch
Biopesticides and Pollution Prevention
Division (7511P)

**EPA**

United States
Environmental Protection Agency
Washington, DC 20460

- ☐ Registration
☐ Amendment
☒ Other:

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 66330-41	2. EPA Product Manager LINDA HOLLIS	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) ENDORSE® WETTABLE POWDER FUNGICIDE	PM# 91 BPPD	
5. Name and Address of Applicant (Include ZIP Code) Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150 Cary, NC 27513	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Date Reviewed: 08/31/09 Product Name _____ Reviewed By: MKA	

☐ Check if this is a new address**Section - II**

- ☐ Amendment - Explain below. ☐ Final printed labels in response to Agency letter dated _____
☐ Resubmission in response to Agency letter dated _____ ☐ "Me Too" Application
☒ Notification - Explain below. ☐ Other - Explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

Notification of label change per PR Notice 2007-4. This notification is consistent with guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 USC Sec 1001 to willfully make any false statement to EPA. I further understand that if the amendment is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Notification of label change per PR Notice 98-10. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 USC Sec 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging

- ☐ Yes*
☒ No

Unit Packaging

- ☐ Yes
☒ No

Water Soluble Packaging

- ☐ Yes
☒ No

2. Type of Container

- ☐ Metal
☒ Plastic
☐ Glass
☐ Paper
☐ Other (Specify)

***Certification must be submitted**

If "Yes"
Unit Packaging wgt. No. per container

If "Yes"
Package wgt. No. per container

3. Location of Net Contents Information
☒ Label ☐ Container

4. Size(s) Retail Container

11 lb.

5. Location of Label Directions

- ☒ On Label
☐ On labeling accompanying product

6. Manner in Which Label is Affixed to Product

- ☐ Lithograph ☐ Other _____
☒ Paper glued
☐ Stenciled

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)

Name Bill Washburn	Title Regulatory Manager	Telephone No. (Include Area Code) 901-432-5118
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Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature

Bill Washburn

3. Title

Regulatory Manager

4. Typed Name

Bill Washburn

5. Date

06/19/09

6. Date Application Received
(Stamped)



Arysta LifeScience

June 19, 2009

Ms. Linda Hollis
Product Management Team
BPPD
Fungicide-Herbicide Branch (H7505C)
Registration Division
Office of Pesticide Programs
Document Processing Desk (NOTIF)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

Subject: *ENDORSE® WETTABLE POWDER FUNGICIDE*
EPA Reg. No. 66330-41

***Notification of Label Change per PR Notice 2007-4
and PR Notice 98-10***

Dear Ms. Hollis:

Please find the following enclosed:

- Application for Pesticide Registration (Other) dated 06/19/09.
- One highlighted copy of subject label, showing all changes.
- One clean copy of the subject label.

Notification of label change per PR Notice 2007-4. This notification is consistent with guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 USC Sec 1001 to willfully make any false statement to EPA. I further understand that if the amendment is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Also in this submission, we are using PR Notice 98-10 to update the name of the company, emergency telephone numbers and warranty. Arysta LifeScience North America Corporation was changed to Arysta LifeScience North America, LLC.

Should you have any questions or comments, please do not hesitate to contact me at 901-432-5118 or by e-mail at bill.washburn@arystalifescience.com

Sincerely,

Bill Washburn
Regulatory Manager

MASTER LABEL

Note: This master label will be the basis of two different package labels:

- Endorse Wettable Powder Fungicide in Water Soluble Bags
- Endorse Wettable Powder Fungicide

ENDORSE® Wettable Powder Fungicide

For use on Turf, Ornamentals and Non-Food Ginseng

Prohibited for Any Food or Feed Use

GROUP	19	FUNGICIDE
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ACTIVE INGREDIENT:

Polyoxin D zinc salt (1:1)¹,

Zinc 5-[[2-amino-5-O-(aminocarbonyl)-2-deoxy-
L-xylonoyl]amino]-1-(5-carboxy-3,4-dihydro-2,4-
dioxo-1(2H)-pyrimidinyl)-1,5-dideoxy-β-D-

allofuranuronate.....	2.5 %
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OTHER INGREDIENTS:.....	97.5 %
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TOTAL.....	100.0%
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¹Equivalent to 2.2% polyoxorim and 0.3% metallic zinc

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 66330-41

EPA Est. No. _____

Produced for:

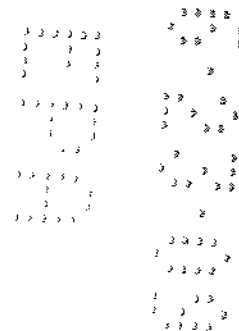
Arysta LifeScience North America, LLC

15401 Weston Parkway, Suite 150

Cary, NC 27513

For Product Use Information Call: 1-866-761-9397

Net Weight: 1 pound, 1.6 ounces
2.2, 4.4, or 11 lbs



WATER SOLUBLE PACK PACKAGING, SUB-LABEL

ENDORSE® Wettable Powder Fungicide

IN WATER SOLUBLE PACKS

For Use on Turf, Ornamental and Non-Food Ginseng

Prohibited for Any Food or Feed Use

GROUP	19	FUNGICIDE
--------------	-----------	------------------

ACTIVE INGREDIENT:

Polyoxin D zinc salt (1:1)¹,

Zinc 5-[[2-amino-5-O-(aminocarbonyl)-2-deoxy-
L-xylonoyl]amino]-1-(5-carboxy-3,4-dihydro-2,4-
dioxo-1(2H)-pyrimidinyl)-1,5-dideoxy-β-D-
allofuranuronate.....

2.5 %

OTHER INGREDIENTS:.....

97.5 %

TOTAL.....

100.0%

¹Equivalent to 2.2% polyoxorim and 0.3% metallic zinc

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA Reg. No. 66330-41

EPA EST. No. _____

Produced for:

Arysta LifeScience North America, LLC

15401 Weston Parkway, Suite 150

Cary, NC 27513

For Product Use Information Call: 1-866-761-9397

Net weight: 1 pound, 1.6 ounces

Each water soluble pack contains 1 lb, 1.6 ounces of product. There is one pack per bag and 10 bags per case.

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
<p align="center">HOTLINE NUMBERS</p> <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p> <p align="center">FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE: Call PROSAR at 1-866-303-6952 or 1-651-632-8946 if calling from outside of the U.S.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if absorbed through skin, swallowed or inhaled. Causes moderate eye irritation. Avoid breathing dust or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment (PPE).

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All mixers, loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks
- Shoes
- Chemical-Resistant gloves

User Safety Requirements

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is moderately toxic to aquatic invertebrates and fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. Do not allow runoff into lakes, streams, ponds or public waterways. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Carefully read and understand the Directions for Use and restrictions before applying this product.

Do not apply this product in any way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribe responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 4 hours unless wearing appropriate PPE.

PPE required for early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: coveralls, socks, shoes, chemical resistant gloves.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep children and pets out of treated area until sprays have dried.

GENERAL INFORMATION

ENDORSE® Wettable Powder Fungicide is not for use on turf being grown for commercial seed production.

ENDORSE Wettable Powder Fungicide is a systemic foliar applied fungicide for use in controlling or suppressing certain diseases on golf courses, residential lawns, parks and commercial and institutional grounds composed of cool and warm season grasses such as bluegrass, bentgrass, fescue, ryegrass, zoysiagrass, or their mixtures. ENDORSE Wettable Powder Fungicide is also for use on ornamentals and ginseng. (Refer to the TURF GRASSES, GINSENG and ORNAMENTALS tables below for specific diseases.)

Apply ENDORSE Wettable Powder Fungicide as a preventive or curative treatment in conjunction with good turf and ornamental management practices.

RESISTANCE MANAGEMENT DIRECTIONS

ENDORSE Wettable Powder Fungicide contains a Group 19 fungicide. Fungal isolates with acquired resistance to Group 19 may eventually dominate the fungal population if Group 19 fungicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by ENDORSE Wettable Powder Fungicide or other Group 19 Fungicides.

To delay fungicide resistance, consider:

- Avoiding the consecutive use of ENDORSE Wettable Powder Fungicide or other target site of action Group 19 fungicides that have a similar target site of action, on the same pathogens.
- Using tank-mixtures or premixes with fungicides from different target site of action Groups as long as the involved products are all registered for the same use and are both effective at the tank mix or prepack rate on the pathogen(s) of concern.
- Basing fungicide use on a comprehensive IPM program.
- Monitoring treated fungal populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for fungicide resistance management and/or IPM recommendations for specific crops and resistant pathogens.

MIXING AND APPLICATION

When tank mixing ENDORSE Wettable Powder Fungicide with other products, observe all precautions and limitations on each separate product label. It is always advisable to conduct a spray compatibility test when you plan to mix this product with other products. To determine the physical compatibility of this product with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry formulations first, then flowables, then emulsifiable concentrates last. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank. Use combinations on a small number of plants to check for phytotoxicity and disease control before treating large areas. Do not use the combination if adverse affects are observed.

Do not apply this product through any type of irrigation system.

Mixing instructions for ENDORSE Wettable Powder Fungicide in water soluble pack:

- Fill spray tank $\frac{3}{4}$ full
- Start spray tank agitation
- Drop water soluble pack(s) in tank
- Direct the balance of water at the floating pack(s)
- Pack(s) must be dissolved before recycling through spray tank

Mix only the amount of spray solution needed to treat the desired area.

For optimum control of labeled diseases, apply ENDORSE Wettable Powder Fungicide with sufficient water to provide a thorough coverage.

With the exception for treatment of Fairy Ring, irrigation or rainfall soon after treatment with ENDORSE Wettable Powder Fungicide will decrease disease control. For best control, do not irrigate for 12 hours after treatment.

TURF GRASSES		
Disease	Rate	Application Notes
Control: Brown Patch (<i>Rhizoctonia solani</i>) Large Patch (<i>Rhizoctonia solani</i>)	1 pack/4,400 square feet in a minimum of 44 gallons of water (0.275 lb ai/acre)	Repeat treatment on a 7-14 day schedule where environmental conditions are conducive to development of diseases. ¹
Aids in Control: Cool Weather Brown Patch (Yellow Patch) (<i>Rhizoctonia cerealis</i>) Foliar and Basal Anthracnose (<i>Colletotrichum cereale</i>) Gray Snow Mold (<i>Typhula ishikariensis</i> and <i>Typhula incarnata</i>) Leaf Spot/Melting Out (<i>Drechslera poae</i>) Pink Snow Mold (<i>Microdochium nivale</i>) Red Thread (<i>Laetisaria fuciformis</i>) Rhizoctonia Damping Off (<i>Rhizoctonia solani</i>) Waitea Patch (<i>Waitea circinata</i>) Zoysia Patch (<i>Rhizoctonia solani</i>)		When symptoms are present, best control will be achieved by using a shorter interval. For best results apply after mowing.

TURF GRASSES		
Disease	Rate	Application Notes
Aids in Suppression: Gray Leaf Spot (<i>Pyricularia grisea</i>)		
Suppression and Short Term Control: Fairy Ring (including <i>Marasmius</i> spp., <i>Lepiota</i> , spp. and <i>Agarius</i> spp.)	1 pack/4,400 square feet in a minimum of 88 gallons of water (0.275 lb ai/acre)	Make two-three applications on a 7-day interval schedule. Use a penetrating wetting agent. Immediately following application, water in the treatment with sufficient irrigation (1/8-1/4") to wet the active root zone.
Notes: <ul style="list-style-type: none"> • Use in alternation with fungicides that have different modes of action. • ¹ Consult your local extension agent or local recommendations for information relating to proper timing for control of these diseases. 		

GINSENG (Except California)		
Foliar Disease Control	Rate	Application Notes
Alternaria blight (<i>Alternaria panax</i>) Botrytis blight (<i>Botrytis cinerea</i>)	1 pack/0.5 – 1 acre in 100 gallons of water (0.03 - 0.06 lb ai/100 gal/acre)	Apply as a foliar spray every 7 – 10 days. Apply prior to disease development and when conditions are conducive for disease. ¹
Root and Crown Disease Control	Rate	Application Notes
Cylindrocarpon root rot (<i>Cylindrocarpon destructans</i>)	1 pack/0.5 acre in 100 gallons of water (0.06 lb ai/100 gal/acre)	Apply as a drench every 14 days.
Rhizoctonia root and crown rot (<i>Rhizoctonia solani</i>)	1 pack/0.5 – 1 acre in 100 gallons of water (0.03 – 0.06 lb ai/100 gal/acre)	Apply as a drench every 14 – 28 days.
Notes: <ul style="list-style-type: none"> • Do not use for food or feed purposes within 1 year of treatment. • Apply within 2 weeks following plant emergence and continue throughout the season. • Use in alternation with fungicides that have different modes of action. • ¹ Consult your local extension agent or local recommendations for information relating to proper timing for control of these diseases. 		

ORNAMENTALS		
Foliar Disease Control	Rate	Application Notes
Anthracnose (<i>Colletotrichum</i>) Botrytis blight (<i>Botrytis cinerea</i>) Curvularia Downy Mildew Pernospora sp. Plasmopara sp. Powdery Mildew Oidium sp. Erysiphe sp. Sphaerotheca sp. Rhizoctonia aerial blight (<i>Rhizoctonia solani</i>)	t-2 pack/100 gallons	Apply as a full coverage foliar spray every 7 – 14 days in sufficient water for plant type and maturity (50-300 gallons/acre). Apply prior to disease development and when conditions are conducive for disease. ¹
Alternaria blight (<i>Alternaria panax</i>) Apple scab (<i>Venturia inaequalis</i>)	2 packs/100 gallons	
Root and Crown Disease Control	Rate	Application Notes
Rhizoctonia root and crown rot (<i>Rhizoctonia solani</i>)	t-2 pack/100 gallons	Apply as a drench every 14 – 28 days.
Notes: <ul style="list-style-type: none"> • Use in alternation with fungicides that have different modes of action. • ¹ Consult your local extension agent or local recommendations for information relating to proper timing for control of these diseases. 		

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in dry place away from food or feed.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling, if available, or dispose of empty outer packaging (bag) in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Warranty and Disclaimer Statement

1. Arysta LifeScience North America, LLC ("Arysta") warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the Directions for Use under normal conditions of use.
2. This warranty does not extend to the use of this product contrary to label instructions and is subject to the inherent risks described below. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA, THE MANUFACTURER, AND THE SELLER DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE BUYER AND THE USER WAIVE ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA AND THE SELLER'S LIABILITY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. ARYSTA DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**
3. The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Arysta. All such risks shall be assumed by the user or buyer.

ENDORSE is a registered trademark of Arysta LifeScience North America, LLC

NON WATER SOLUBLE PACK PACKAGING, SUB-LABEL

ENDORSE® Wettable Powder Fungicide

For use on Turf, Ornamentals and Non-Food Ginseng

Prohibited for any Food or Feed Use

GROUP	19	FUNGICIDE
--------------	-----------	------------------

ACTIVE INGREDIENT:

Polyoxin D zinc salt (1:1)¹,

Zinc 5-[[2-amino-5-O-(aminocarbonyl)-2-deoxy-
L-xylonoyl]amino]-1-(5-carboxy-3,4-dihydro-2,4-
dioxo-1(2H)-pyrimidinyl)-1,5-dideoxy-β-D-
allofuranuronate.....

2.5 %

OTHER INGREDIENTS:.....

97.5 %

TOTAL.....

100.0%

¹Equivalent to 2.2% polyoxorim and 0.3% metallic zinc

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA Reg. No. 66330-41

EPA EST. No. _____

Produced for:

Arysta LifeScience North America, LLC

15401 Weston Parkway, Suite 150

Cary, NC 27513

For Product Use Information Call: 1-866-761-9397

Net contents: 2.2, 4.4, or 11 lbs

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
<p align="center">HOTLINE NUMBERS</p> <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p> <p align="center">FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE: Call PROSAR at 1-866-303-6952 or 1-651-632-8946 if calling from outside of the U.S.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if absorbed through skin, swallowed or inhaled. Causes moderate eye irritation. Avoid breathing dust or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment (PPE).

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All mixers, loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks
- Shoes
- Chemical-Resistant gloves

User Safety Requirements

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is moderately toxic to aquatic invertebrates and fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. Do not allow runoff into lakes, streams, ponds or public waterways. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Carefully read and understand the Directions for Use and restrictions before applying this product.

Do not apply this product in any way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribe responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 4 hours unless wearing appropriate PPE.

PPE required for early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: coveralls, socks, shoes, chemical resistant gloves.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep children and pets out of treated area until sprays have dried.

GENERAL INFORMATION

ENDORSE® Wettable Powder Fungicide is not for use on turf grown for commercial seed production.

ENDORSE Wettable Powder Fungicide is a systemic foliar applied fungicide for use in controlling or suppressing certain diseases on golf courses, residential lawns, parks and commercial and institutional grounds composed of cool and warm season grasses such as bluegrass, bentgrass, fescue, ryegrass, zoysiagrass, or their mixtures. ENDORSE Wettable Powder Fungicide is also for use on ornamentals and ginseng. (Refer to the TURF GRASSES, GINSENG and ORNAMENTALS tables below for specific diseases.)

Apply ENDORSE Wettable Powder Fungicide as a preventive or curative treatment in conjunction with good turf and ornamental management practices.

RESISTANCE MANAGEMENT DIRECTIONS

ENDORSE Wettable Powder Fungicide contains a Group 19 fungicide. Fungal isolates with acquired resistance to Group 19 may eventually dominate the fungal population if Group 19 fungicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by ENDORSE Wettable Powder Fungicide or other Group 19 Fungicides.

To delay fungicide resistance, consider:

- Avoiding the consecutive use of ENDORSE Wettable Powder Fungicide or other target site of action Group 19 fungicides that have a similar target site of action, on the same pathogens.
- Using tank-mixtures or premixes with fungicides from different target site of action Groups as long as the involved products are all registered for the same use and are both effective at the tank mix or prepack rate on the pathogen(s) of concern.
- Basing fungicide use on a comprehensive IPM program.
- Monitoring treated fungal populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for fungicide resistance management and/or IPM recommendations for specific crops and resistant pathogens.

MIXING AND APPLICATION

When tank mixing ENDORSE Wettable Powder Fungicide with other products, observe all precautions and limitations on each separate product label. It is always advisable to conduct a spray compatibility test when you plan to mix this product with other products. To determine the physical compatibility of this product with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry formulations first, then flowables, then emulsifiable concentrates last. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank. Use combinations on a small number of plants to check for phytotoxicity and disease control before treating large areas. Do not use the combination if adverse affects are observed.

Do not apply this product through any type of irrigation system.

Mixing instructions for ENDORSE Wettable Powder Fungicide:

- Fill spray tank to $\frac{3}{4}$ of the intended final volume.

- Start spray tank agitation.
- Add the appropriate amount of product to the tank (refer to Rate and Schedule section of label). Follow the directions above for mixing other products in the spray tank.
- Agitate to ensure thorough mixing while adding the remaining required water.
- DO NOT allow the spray mixture to stand without agitation.

Mix only the amount of spray solution needed to treat the desired area.

For optimum control of labeled diseases, apply ENDORSE Wettable Powder Fungicide with sufficient water to provide a thorough coverage.

With the exception for treatment of Fairy Ring, irrigation or rainfall soon after treatment with ENDORSE Wettable Powder Fungicide will decrease disease control. For best control, do not irrigate for 12 hours after treatment.

For best results, apply after mowing.

TURF GRASSES		
Disease	Rate	Application Notes
Control: Brown Patch (<i>Rhizoctonia solani</i>) Large Patch (<i>Rhizoctonia solani</i>)	11 lbs/acre (0.275 lb ai/acre in a minimum of 44 gallons of water)	Repeat treatment on a 7-14 day schedule where environmental conditions are conducive to development of diseases. ¹
Aids in Control: Cool Weather Brown Patch (Yellow Patch) (<i>Rhizoctonia cerealis</i>) Foliar and Basal Anthracnose (<i>Colletotrichum cereale</i>) Gray Snow Mold (<i>Typhula ishikariensis</i> and <i>Typhula incarnata</i>) Leaf Spot/Melting Out (<i>Drechslera poae</i>) Pink Snow Mold (<i>Microdochium nivale</i>) Red Thread (<i>Laetisaria fuciformis</i>) Rhizoctonia Damping Off (<i>Rhizoctonia solani</i>) Waitea Patch (<i>Waitea circinata</i>) Zoysia Patch (<i>Rhizoctonia solani</i>)		When symptoms are present, best control will be achieved by using a shorter interval. For best results apply after mowing.

TURF GRASSES		
Disease	Rate	Application Notes
Aids in Suppression: Gray Leaf Spot (<i>Pyricularia grisea</i>)		
<u>Suppression and Short Term Control:</u> Fairy Ring (including <i>Marasmius</i> spp., <i>Leptota</i> , spp. and <i>Agarius</i> spp.)	4 ozs/1000 square feet in minimum of 2 gallons of water (0.275 lb ai/acre in a minimum of 88 gallons of water)	Make two-three applications on a 7-day interval schedule. Use a penetrating wetting agent. Immediately following application, water in the treatment with sufficient irrigation (1/8-1/4") to wet the active root zone.
Notes: <ul style="list-style-type: none"> • Use in alternation with fungicides that have different modes of action. • ¹ Consult your local extension agent or local recommendations for information relating to proper timing for control of these diseases. 		

GINSENG (Except California)		
Foliar Disease Control	Rate	Application Notes
Alternaria blight (<i>Alternaria panax</i>) Botrytis blight (<i>Botrytis cinerea</i>)	1.1 – 2.2 lb/100 gal/acre (0.03 - 0.06 lb ai /100 gal/acre)	Apply as a foliar spray every 7 – 10 days. Apply prior to disease development and when conditions are conducive for disease. ¹
Root and Crown Disease Control	Rate	Application Notes
Cylindrocarpon root rot (<i>Cylindrocarpon destructans</i>)	2.2 lb/100 gal/acre (0.06 lb ai/100 gal/acre)	Apply as a drench every 14 days.
Rhizoctonia root and crown rot (<i>Rhizoctonia solani</i>)	1.1 - 2.2 lb/100 gal/acre (0.03 – 0.06 lb ai/100 gal/acre)	Apply as a drench every 14 – 28 days.
Notes: <ul style="list-style-type: none"> • Do not use for food or feed purposes within 1 year of treatment. • Apply within 2 weeks following plant emergence and continue throughout the season. • Use in alternation with fungicides that have different modes of action. • ¹ Consult your local extension agent or local recommendations for information relating to proper timing for control of these diseases. 		

ORNAMENTALS		
Foliar Disease Control	Rate	Application Notes
Anthracnose <i>(Colletotrichum)</i> Botrytis blight <i>(Botrytis cinerea)</i> Curvularia Downy Mildew Pernospora sp. Plasmopara sp. Powdery Mildew Oidium sp. Erysiphe sp. Sphaerotheca sp. Rhizoctonia aerial blight <i>(Rhizoctonia solani)</i>	1.1 – 2.2 lb/100 gallons	Apply as a full coverage foliar spray every 7 – 14 days with sufficient water for plant type and maturity (50-300 gallons). Apply prior to disease development and when conditions are conducive for disease. ¹
Alternaria blight <i>(Alternaria panax)</i> Apple scab <i>(Venturia inaequalis)</i>	2.2 lb/100 gal	
Root and Crown Disease Control	Rate	Application Notes
Rhizoctonia root and crown rot <i>(Rhizoctonia solani)</i>	1.1 - 2.2 lb/100 gallons	Apply as a drench every 14 – 28 days.
Notes: <ul style="list-style-type: none"> • Use in alternation with fungicides that have different modes of action. • ¹ Consult your local extension agent or local recommendations for information relating to proper timing for control of these diseases. 		

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in dry place away from food or feed.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration, or, if allowed, by State and local authorities, by burning. If burned, stay out of smoke.

Warranty and Disclaimer Statement

1. Arysta LifeScience North America, LLC ("Arysta") warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the Directions for Use under normal conditions of use.
2. This warranty does not extend to the use of this product contrary to label instructions and is subject to the inherent risks described below. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA, THE MANUFACTURER, AND THE SELLER DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE BUYER AND THE USER WAIVE ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA AND THE SELLER'S LIABILITY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. ARYSTA DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**
3. The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Arysta. All such risks shall be assumed by the user or buyer.

ENDORSE is a registered trademark of Arysta LifeScience North America, LLC

MASTER LABEL

Note: This master label will be the basis of two different package labels:

- Endorse Wettable Powder Fungicide In Water Soluble Bags
- Endorse Wettable Powder Fungicide

ENDORSE® Wettable Powder Fungicide

For use on Turf, Ornamentals and Non-Food Ginseng

Prohibited for Any Food or Feed Use

GROUP	19	FUNGICIDE
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ACTIVE INGREDIENT:

Polyoxin D zinc salt (1:1)¹,

Zinc 5-[[2-amino-5-O-(aminocarbonyl)-2-deoxy-
 L-xylonoyl]amino]-1-(5-carboxy-3,4-dihydro-2,4-
 dioxo-1(2H)-pyrimidinyl)-1,5-dideoxy-β-D-
 allofuranuronate.....

2.5 %

OTHER INGREDIENTS:.....

97.5 %

TOTAL.....

100.0%

¹Equivalent to 2.2% polyoxorim and 0.3% metallic zinc

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 66330-41

EPA Est. No. _____

Produced for:

Arysta LifeScience North America, LLC
 15401 Weston Parkway, Suite 150
 Cary, NC 27513

Deleted: Corporation

For Product Use Information Call: 1-866-761-9397

Net Weight: 1 pound, 1.6 ounces
 2.2, 4.4, or 11 lbs

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WATER SOLUBLE PACK PACKAGING, SUB-LABEL

ENDORSE® Wettable Powder Fungicide

IN WATER SOLUBLE PACKS

For Use on Turf, Ornamental and Non-Food Ginseng

Prohibited for Any Food or Feed Use

GROUP	19	FUNGICIDE
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ACTIVE INGREDIENT:

Polyoxin D zinc salt (1:1)[†],

Zinc 5-[[2-amino-5-O-(aminocarbonyl)-2-deoxy-
L-xylonoyl]amino]-1-(5-carboxy-3,4-dihydro-2,4-
dioxo-1(2H)-pyrimidinyl)-1,5-dideoxy-β-D-
allofuranuronate.....

2.5 %

OTHER INGREDIENTS:..... 97.5 %

TOTAL..... 100.0%

[†]Equivalent to 2.2% polyoxorim and 0.3% metallic zinc

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA Reg. No. 66330-41

EPA EST. No. _____

Produced for:

Arysta LifeScience North America, LLC

15401 Weston Parkway, Suite 150

Cary, NC 27513

Deleted: Corporation

For Product Use Information Call: 1-866-761-9397

Net weight: 1 pound, 1.6 ounces

Each water soluble pack contains 1 lb, 1.6 ounces of product. There is one pack per bag and 10 bags per case.

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FIRST AID	
If on skin or clothing	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
HOTLINE NUMBERS Have the product container or label with you when calling a poison control center or doctor, or going for treatment. FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE: Call PROSAR at 1-866-303-6952 or 1-651-632-8946 if calling from outside of the U.S.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if absorbed through skin, swallowed or inhaled. Causes moderate eye irritation. Avoid breathing dust or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment (PPE).

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All mixers, loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks
- Shoes
- Chemical-Resistant gloves

User Safety Requirements

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is moderately toxic to aquatic invertebrates and fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. Do not allow runoff into lakes, streams, ponds or public waterways. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Carefully read and understand the Directions for Use and restrictions before applying this product.

Do not apply this product in any way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribe responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 4 hours unless wearing appropriate PPE.

PPE required for early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: coveralls, socks, shoes, chemical resistant gloves.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep children and pets out of treated area until sprays have dried.

GENERAL INFORMATION

ENDORSE® Wettable Powder Fungicide is not for use on turf being grown for commercial seed production.

ENDORSE Wettable Powder Fungicide is a systemic foliar applied fungicide for use in controlling or suppressing certain diseases on golf courses, residential lawns, parks and commercial and institutional grounds composed of cool and warm season grasses such as bluegrass, bentgrass, fescue, ryegrass, zoysiagrass, or their mixtures. ENDORSE Wettable Powder Fungicide is also for use on ornamentals and ginseng. (Refer to the TURF GRASSES, GINSENG and ORNAMENTALS tables below for specific diseases.)

Apply ENDORSE Wettable Powder Fungicide as a preventive or curative treatment in conjunction with good turf and ornamental management practices.

RESISTANCE MANAGEMENT DIRECTIONS

ENDORSE Wettable Powder Fungicide contains a Group 19 fungicide. Fungal isolates with acquired resistance to Group 19 may eventually dominate the fungal population if Group 19 fungicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by ENDORSE Wettable Powder Fungicide or other Group 19 Fungicides.

To delay fungicide resistance, consider:

- Avoiding the consecutive use of ENDORSE Wettable Powder Fungicide or other target site of action Group 19 fungicides that have a similar target site of action, on the same pathogens.
- Using tank-mixtures or premixes with fungicides from different target site of action Groups as long as the involved products are all registered for the same use and are both effective at the tank mix or prepack rate on the pathogen(s) of concern.
- Basing fungicide use on a comprehensive IPM program.
- Monitoring treated fungal populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for fungicide resistance management and/or IPM recommendations for specific crops and resistant pathogens.

MIXING AND APPLICATION

When tank mixing ENDORSE Wettable Powder Fungicide with other products, observe all precautions and limitations on each separate product label. It is always advisable to conduct a spray compatibility test when you plan to mix this product with other products. To determine the physical compatibility of this product with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry formulations first, then flowables, then emulsifiable concentrates last. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank. Use combinations on a small number of plants to check for phytotoxicity and disease control before treating large areas. Do not use the combination if adverse affects are observed.

Do not apply this product through any type of irrigation system.

Mixing instructions for ENDORSE Wettable Powder Fungicide in water soluble pack:

- Fill spray tank $\frac{3}{4}$ full
- Start spray tank agitation
- Drop water soluble pack(s) in tank
- Direct the balance of water at the floating pack(s)
- Pack(s) must be dissolved before recycling through spray tank

Mix only the amount of spray solution needed to treat the desired area.

For optimum control of labeled diseases, apply ENDORSE Wettable Powder Fungicide with sufficient water to provide a thorough coverage.

With the exception for treatment of Fairy Ring, irrigation or rainfall soon after treatment with ENDORSE Wettable Powder Fungicide will decrease disease control. For best control, do not irrigate for 12 hours after treatment.

TURF GRASSES		
Disease	Rate	Application Notes
Control: Brown Patch (<i>Rhizoctonia solani</i>) Large Patch (<i>Rhizoctonia solani</i>)	1 pack/4,400 square feet in a minimum of 44 gallons of water (0.275 lb ai/acre)	Repeat treatment on a 7-14 day schedule where environmental conditions are conducive to development of diseases. ¹
Aids in Control: Cool Weather Brown Patch (Yellow Patch) (<i>Rhizoctonia cerealis</i>) Foliar and Basal Anthracnose (<i>Colletotrichum cereale</i>) Gray Snow Mold (<i>Typhula ishikariensis</i> and <i>Typhula incarnata</i>) Leaf Spot/Melting Out (<i>Drechslera poae</i>) Pink Snow Mold (<i>Microdochium nivale</i>) Red Thread (<i>Laetisaria fuciformis</i>) Rhizoctonia Damping Off (<i>Rhizoctonia solani</i>) Waitea Patch (<i>Waitea circinata</i>) Zoysia Patch (<i>Rhizoctonia solani</i>)		When symptoms are present, best control will be achieved by using a shorter interval. For best results apply after mowing.

TURF GRASSES		
Disease	Rate	Application Notes
Aids In Suppression: Gray Leaf Spot (<i>Pyricularia grisea</i>)		
Suppression and Short Term Control: Fairy Ring (including <i>Marasmius</i> spp., <i>Lepiota</i> , spp. and <i>Agarius</i> spp.)	1 pack/4,400 square feet in a minimum of 88 gallons of water (0.275 lb ai/acre)	Make two-three applications on a 7-day interval schedule. Use a penetrating wetting agent. Immediately following application, water in the treatment with sufficient irrigation (1/8-1/4") to wet the active root zone.
Notes: <ul style="list-style-type: none"> • Use in alternation with fungicides that have different modes of action. • ¹ Consult your local extension agent or local recommendations for information relating to proper timing for control of these diseases. 		

GINSENG (Except California)		
Foliar Disease Control	Rate	Application Notes
Alternaria blight (<i>Alternaria panax</i>) Botrytis blight (<i>Botrytis cinerea</i>)	1 pack/0.5 – 1 acre in 100 gallons of water (0.03 - 0.06 lb ai/100 gal/acre)	Apply as a foliar spray every 7 – 10 days. Apply prior to disease development and when conditions are conducive for disease. ¹
Root and Crown Disease Control	Rate	Application Notes
Cylindrocarpon root rot (<i>Cylindrocarpon destructans</i>)	1 pack/0.5 acre in 100 gallons of water (0.06 lb ai/100 gal/acre)	Apply as a drench every 14 days.
Rhizoctonia root and crown rot (<i>Rhizoctonia solani</i>)	1 pack/0.5 – 1 acre in 100 gallons of water (0.03 – 0.06 lb ai/100 gal/acre)	Apply as a drench every 14 – 28 days.
Notes: <ul style="list-style-type: none"> • Do not use for food or feed purposes within 1 year of treatment. • Apply within 2 weeks following plant emergence and continue throughout the season. • Use in alternation with fungicides that have different modes of action. • ¹ Consult your local extension agent or local recommendations for information relating to proper timing for control of these diseases. 		

ORNAMENTALS		
Foliar Disease Control	Rate	Application Notes
Anthracnose (<i>Colletotrichum</i>) Botrytis blight (<i>Botrytis cinerea</i>) Curvularia Downy Mildew Pernospora sp. Plasmopara sp. Powdery Mildew Oidium sp. Erysiphe sp. Sphaerotheca sp. Rhizoctonia aerial blight (<i>Rhizoctonia solani</i>)	1-2 pack/100 gallons	Apply as a full coverage foliar spray every 7 – 14 days in sufficient water for plant type and maturity (50-300 gallons/acre). Apply prior to disease development and when conditions are conducive for disease. ¹
Alternaria blight (<i>Alternaria panax</i>) Apple scab (<i>Venturia inaequalis</i>)	2 packs/100 gallons	
Root and Crown Disease Control	Rate	Application Notes
Rhizoctonia root and crown rot (<i>Rhizoctonia solani</i>)	1-2 pack/100 gallons	Apply as a drench every 14 – 28 days.
Notes: <ul style="list-style-type: none"> • Use in alternation with fungicides that have different modes of action. • ¹ Consult your local extension agent or local recommendations for information relating to proper timing for control of these diseases. 		

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in dry place away from food or feed.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling, if available, or, dispose of empty outer packaging (bag) in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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Warranty and Disclaimer Statement

1. Arysta LifeScience North America, LLC, ("Arysta") warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the Directions for Use under normal conditions of use.
2. This warranty does not extend to the use of this product contrary to label instructions and is subject to the inherent risks described below. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA, THE MANUFACTURER, AND THE SELLER DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE BUYER AND THE USER WAIVE ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA AND THE SELLER'S LIABILITY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. ARYSTA DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**
3. The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Arysta. All such risks shall be assumed by the user or buyer.

Deleted: Corporation

ENDORSE is a registered trademark of Arysta LifeScience North America, LLC.

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NON WATER SOLUBLE PACK PACKAGING, SUB-LABEL

ENDORSE® Wettable Powder Fungicide

For use on Turf, Ornamentals and Non-Food Ginseng

Prohibited for any Food or Feed Use

GROUP	19	FUNGICIDE
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ACTIVE INGREDIENT:

Polyoxin D zinc salt (1:1)¹,

Zinc 5-[[[2-amino-5-O-(aminocarbonyl)-2-deoxy-
L-xylonoyl]amino]-1-(5-carboxy-3,4-dihydro-2,4-
dioxo-1(2H)-pyrimidinyl)-1,5-dideoxy-β-D-
allofuranuronate.....

2.5 %

OTHER INGREDIENTS:.....

97.5 %

TOTAL.....

100.0%

¹Equivalent to 2.2% polyoxorim and 0.3% metallic zinc

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA Reg. No. 66330-41

EPA EST. No. _____

Produced for:

Arysta LifeScience North America, LLC

15401 Weston Parkway, Suite 150

Cary, NC 27513

Deleted: Corporation

For Product Use Information Call: 1-866-761-9397

Net contents: 2.2, 4.4, or 11 lbs

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
<p align="center">HOTLINE NUMBERS</p> <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p> <p align="center">FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE: Call PROSAR at 1-866-303-6952 or 1-651-632-8946 if calling from outside of the U.S.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if absorbed through skin, swallowed or inhaled. Causes moderate eye irritation. Avoid breathing dust or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment (PPE).

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All mixers, loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks
- Shoes
- Chemical-Resistant gloves

User Safety Requirements

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is moderately toxic to aquatic invertebrates and fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. Do not allow runoff into lakes, streams, ponds or public waterways. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Carefully read and understand the Directions for Use and restrictions before applying this product.

Do not apply this product in any way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribe responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 4 hours unless wearing appropriate PPE.

PPE required for early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: coveralls, socks, shoes, chemical resistant gloves.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep children and pets out of treated area until sprays have dried.

GENERAL INFORMATION

ENDORSE® Wettable Powder Fungicide is not for use on turf grown for commercial seed production.

ENDORSE Wettable Powder Fungicide is a systemic foliar applied fungicide for use in controlling or suppressing certain diseases on golf courses, residential lawns, parks and commercial and institutional grounds composed of cool and warm season grasses such as bluegrass, bentgrass, fescue, ryegrass, zoysiagrass, or their mixtures. ENDORSE Wettable Powder Fungicide is also for use on ornamentals and ginseng. (Refer to the TURF GRASSES, GINSENG and ORNAMENTALS tables below for specific diseases.)

Apply ENDORSE Wettable Powder Fungicide as a preventive or curative treatment in conjunction with good turf and ornamental management practices.

RESISTANCE MANAGEMENT DIRECTIONS

ENDORSE Wettable Powder Fungicide contains a Group 19 fungicide. Fungal isolates with acquired resistance to Group 19 may eventually dominate the fungal population if Group 19 fungicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by ENDORSE Wettable Powder Fungicide or other Group 19 fungicides.

To delay fungicide resistance, consider:

- Avoiding the consecutive use of ENDORSE Wettable Powder Fungicide or other target site of action Group 19 fungicides that have a similar target site of action, on the same pathogens.
- Using tank-mixtures or premixes with fungicides from different target site of action Groups as long as the involved products are all registered for the same use and are both effective at the tank mix or prepack rate on the pathogen(s) of concern.
- Basing fungicide use on a comprehensive IPM program.
- Monitoring treated fungal populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for fungicide resistance management and/or IPM recommendations for specific crops and resistant pathogens.

MIXING AND APPLICATION

When tank mixing ENDORSE Wettable Powder Fungicide with other products, observe all precautions and limitations on each separate product label. It is always advisable to conduct a spray compatibility test when you plan to mix this product with other products. To determine the physical compatibility of this product with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry formulations first, then flowables, then emulsifiable concentrates last. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank. Use combinations on a small number of plants to check for phytotoxicity and disease control before treating large areas. Do not use the combination if adverse affects are observed.

Do not apply this product through any type of irrigation system.

Mixing instructions for ENDORSE Wettable Powder Fungicide:

- Fill spray tank to $\frac{3}{4}$ of the intended final volume.

- Start spray tank agitation.
- Add the appropriate amount of product to the tank (refer to Rate and Schedule section of label). Follow the directions above for mixing other products in the spray tank.
- Agitate to ensure thorough mixing while adding the remaining required water.
- DO NOT allow the spray mixture to stand without agitation.

Mix only the amount of spray solution needed to treat the desired area.

For optimum control of labeled diseases, apply ENDORSE Wettable Powder Fungicide with sufficient water to provide a thorough coverage.

With the exception for treatment of Fairy Ring, irrigation or rainfall soon after treatment with ENDORSE Wettable Powder Fungicide will decrease disease control. For best control, do not irrigate for 12 hours after treatment.

For best results, apply after mowing.

TURF GRASSES		
Disease	Rate	Application Notes
Control: Brown Patch (<i>Rhizoctonia solani</i>) Large Patch (<i>Rhizoctonia solani</i>)	11 lbs/acre (0.275 lb ai/acre in a minimum of 44 gallons of water)	Repeat treatment on a 7-14 day schedule where environmental conditions are conducive to development of diseases. ¹
Aids in Control: Cool Weather Brown Patch (Yellow Patch) (<i>Rhizoctonia cerealis</i>) Foliar and Basal Anthracnose (<i>Colletotrichum cereale</i>) Gray Snow Mold (<i>Typhula ishikariensis</i> and <i>Typhula incarnata</i>) Leaf Spot/Melting Out (<i>Drechslera poae</i>) Pink Snow Mold (<i>Microdochium nivale</i>) Red Thread (<i>Laelfisaria fuciformis</i>) Rhizoctonia Damping Off (<i>Rhizoctonia solani</i>) Waitea Patch (<i>Waitea circinata</i>) Zoysia Patch (<i>Rhizoctonia solani</i>)		When symptoms are present, best control will be achieved by using a shorter interval. For best results apply after mowing.

TURF GRASSES		
Disease	Rate	Application Notes
Aids in Suppression: Gray Leaf Spot (<i>Pyricularia grisea</i>)		
<u>Suppression and Short Term Control:</u> Fairy Ring (including <i>Marasmius</i> spp., <i>Lepiota</i> spp. and <i>Agaricus</i> spp.)	4 ozs/1000 square feet in minimum of 2 gallons of water (0.275 lb ai/acre in a minimum of 88 gallons of water)	Make two-three applications on a 7-day interval schedule. Use a penetrating wetting agent. Immediately following application, water in the treatment with sufficient irrigation (1/8-1/4") to wet the active root zone.
Notes: <ul style="list-style-type: none"> • Use in alternation with fungicides that have different modes of action. • [†] Consult your local extension agent or local recommendations for information relating to proper timing for control of these diseases. 		

GINSENG (Except California)		
Foliar Disease Control	Rate	Application Notes
Alternaria blight (<i>Alternaria panax</i>) Botrytis blight (<i>Botrytis cinerea</i>)	1.1 – 2.2 lb/100 gal/acre (0.03 – 0.06 lb ai/100 gal/acre)	Apply as a foliar spray every 7 – 10 days. Apply prior to disease development and when conditions are conducive for disease. [†]
Root and Crown Disease Control	Rate	Application Notes
Cylindrocarpon root rot (<i>Cylindrocarpon destructans</i>)	2.2 lb/100 gal/acre (0.06 lb ai/100 gal/acre)	Apply as a drench every 14 days.
Rhizoctonia root and crown rot (<i>Rhizoctonia solani</i>)	1.1 - 2.2 lb/100 gal/acre (0.03 – 0.06 lb ai/100 gal/acre)	Apply as a drench every 14 – 28 days.
Notes: <ul style="list-style-type: none"> • Do not use for food or feed purposes within 1 year of treatment. • Apply within 2 weeks following plant emergence and continue throughout the season. • Use in alternation with fungicides that have different modes of action. • [†] Consult your local extension agent or local recommendations for information relating to proper timing for control of these diseases. 		

ORNAMENTALS		
Foliar Disease Control	Rate	Application Notes
Anthracnose <i>(Colletotrichum)</i> Botrytis blight <i>(Botrytis cinerea)</i> Curvularia Downy Mildew Pernospora sp. Plasmopara sp. Powdery Mildew Oidium sp. Erysiphe sp. Sphaerotheca sp. Rhizoctonia aerial blight <i>(Rhizoctonia solani)</i>	1.1 – 2.2 lb/100 gallons	Apply as a full coverage foliar spray every 7 – 14 days with sufficient water for plant type and maturity (50-300 gallons). Apply prior to disease development and when conditions are conducive for disease. ¹
Alternaria blight <i>(Alternaria panax)</i> Apple scab <i>(Venturia inaequalis)</i>	2.2 lb/100 gal	
Root and Crown Disease Control	Rate	Application Notes
Rhizoctonia root and crown rot <i>(Rhizoctonia solani)</i>	1.1 - 2.2 lb/100 gallons	Apply as a drench every 14 – 28 days.
Notes: <ul style="list-style-type: none"> • Use in alternation with fungicides that have different modes of action. • ¹ Consult your local extension agent or local recommendations for information relating to proper timing for control of these diseases. 		

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in dry place away from food or feed.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration, or, if allowed, by State and local authorities, by burning. If burned, stay out of smoke.

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Warranty and Disclaimer Statement

1. Arysta LifeScience North America, LLC ("Arysta") warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the Directions for Use under normal conditions of use.
2. This warranty does not extend to the use of this product contrary to label instructions and is subject to the inherent risks described below. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA, THE MANUFACTURER, AND THE SELLER DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE BUYER AND THE USER WAIVE ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA AND THE SELLER'S LIABILITY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. ARYSTA DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**
3. The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Arysta. All such risks shall be assumed by the user or buyer.

Deleted: Corporation

ENDORSE is a registered trademark of Arysta LifeScience North America, LLC.

Deleted: Corporation.

Material to be added to an e-Jacket

Reg. No 66330-41

1. Placement within the e-Jacket:

- ☒ Default: chronological top
 - ☐ Other: (PDF page number, i.e., "before page 45")
-

2. Is this material:

- ☐ Newly stamped accepted label
- ☐ Notification
- ☐ New CSF
- ☐ Final Printed Label
- ☒ Other: CSF Amendment (Fast Track)
to Add an Alternative Formulation

3. Attach this notice on top of the material. It must be clipped all together, NOT STAPLED. Then give the material with this coversheet to staff in the Information Services Center.

Reviewer's Name *Linda Roberts*
Phone: 703-308-*0045* Division: BPPD

Date: *10/17/07*

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 17 2007

Ms. Doina Bujor
Arysta Life Science North America Corporation
15401 Weston Pkwy., Suite 150
Cary, NC 27513

Subject: Arystra LifeScience's Endorse Wettable Powder Turf Fungicide
EPA Registration No. 68173-2 and 66330-41
CSF Amendment (Fast Track) to Add an Alternative Formulation
Application Dated 8/6/07

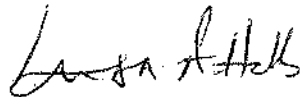
Dear Ms. Bujor:

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(A), is acceptable provided that you submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended product constitutes acceptance of these conditions.

If you have any questions, contact Chris Pfeifer at phone# 703-308-0031 or by email at pfeifer.chris@epa.gov.

Sincerely,



Linda A. Hollis, Chief
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)

CONCURRENCES

SYMBOL	7511P	7511P						
SURNAME	Roberts	PFEIFER						
DATE	8/9/07	8/9/07						



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

MEMORANDUM

DATE: August 9, 2007

SUBJECT: Application for Registration of Alternate Formulation of the product Endorse Wettable Powder and its 100 % Repackage, containing as Active Ingredient 2.5 % Polyoxin D Zinc Salt

EPA Reg. Numbers: 66330-41 and 68173-2
PC Code: 230000
CAS Number: 146659-78-1
Tolerance Exemptions: N/A
Submission Numbers: S: 814576 and 814577

REVIEWER: Nina Simeonova, Chemist *N. Simeonova*
Biopesticides and Pollution Prevention Division (7511P)
Biochemical Pesticides Branch

TO: Chris Pfeifer, RAL and Team Leader
Biopesticides and Pollution Prevention Division (PY 7511)
Biochemical Pesticides Branch

THE FOLLOWING CONTAINS CONFIDENTIAL BUSINESS INFORMATION

On behalf of Kaken Pharmaceutical Co. and on its own behalf Arysta LifeScience North America Corporation submitted corrected CSFs for Endorse Wettable Powder Turf Fungicide (EPA Reg. No. 68173-2 and 66330-41), basic and alternated formulation dated 08/06/2007. The corrections are in connection with the application for registration of alternate formulation in which the inert ingredients [REDACTED]

CONCLUSIONS AND RECOMMENDATIONS

1. The application for alternate formulation is in compliance with 40CFR§152.43.

2. The deficiencies in the CSF are resolved.

The application for alternate formulation of Endorse Wettable Powder Turf Fungicide, EPA Reg. No. 68173-2, and its 100 % repackage, EPA Reg. No. 66330-41 are acceptable.

cc: N. Simeonova, C. Pfeifer, BPPD Subject File, IHAD Database.
N. Simeonova, PY-S, FT, 703-308-0291. 08/09/2007.

Pages 45-49*Non Responsive*



Arysta LifeScience

August 6, 2007

Linda Hollis
Branch Chief (PM91)
Biopesticide and Pollution Prevention Division
Office of Pesticide Programs (7511C)
U.S. Environmental Protection Agency
One Potomac Yard
2777 S Crystal Drive
Arlington, VA 22202
703-308-8733

RE: ENDORSE WP – Formulation amendment
(EPA Reg. No. 68173-2 and EPA Reg. No. 66330-41)

Dear Ms. Hollis:

Arysta LifeScience North America Corporation, as an agent for Kaken Pharmaceutical Co., Ltd, and on its own behalf is submitting corrected CSF's for the Endorse Wettable Powder Turf Fungicide (EPA Reg. No. 68173-2 and 66330-41) basic and alternate formulation.

If you have any questions or need more information on this matter, please contact me at (919) 678-4879 or by e-mail at doina.bujor@arystalifescience.com.

Sincerely,

Doina Bujor
Regulatory Manager – Polyoxin
Arysta LifeScience North America Corporation

Receipt for Section 3

S: 614577

Resubmission: ☐ Yes ☒ No

Regulatory Type: Product Registration - Section 3

Fee For Service: ☒ Yes ☐ No

Application Type: Miscellaneous Receipt

Billable: ☒ Yes ☐ No

Company: 68330 ARYSTA LIFESCIENCE NORTH AMERICA CORP

V

Risk Manager: Biologicals & Pollution Prevention Division, PM Team B1

Product #: 68330-41

Product Name: ENDORSE WETTABLE POWDER FUNGICIDE

Override #:

Me Too Section 3:

Me Too Product Name:

Application Date: 06-Aug-2007

OPP Rec'd Date: 07-Aug-2007

Front End Date: 07-Aug-2007

Risk Manager Send Date: 07-Aug-2007

FFS Due Date:

Negotiated Due Date:

OPP Target Date:

Fast Track: ☐

New Ingredient: ☐

Receipt Description:

Corrected CSF.

AUG 07 2007

New Ingredient Request Date:

New Ingredient Received Date:

Print Letter

Enter More Information

Tracking

Receipt Content

art

Trauvello Bethea - In...

EPA-PRISM Main - Co...

3:42 PM

AIO-Chris
 AUG 9 2007
 sdh



Environmental Protection Agency

Office of Pesticide Programs (7505C)
Washington, DC 20460

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationery, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product

66330-41

Distributor Company Number

1001

Note: Do not submit distributor product labels

Name of Registered Product (basic product name accepted by EPA)

Endorse Wellable Powder Fungicide

Distributor Product Name

Endorse WP Fungicide

Name and Address of Distributor (Type; include ZIP code)

Cleary Chemical Corporation
178 Ridge Road, Suite A
Dayton, NJ 08810

Read All Conditions Before Signing

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or "sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

Distributor

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor

Director-Regulating

Date

5/29/07

Registrant

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this notice.

Signature and Title of Registrant

Jan Butler-Registration Specialist

Date

6-12-07

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Ms. Doina Bujor
Regulatory Manager
Arysta LifeScience North America Corporation
15401 Weston Parkway, Suite 150
Cary, NC 27513

FEB 27 2007

Subject: Arysta LifeScience North America Corporation, ENDORSE® Wettable Powder Fungicide
EPA Registration No. 66330-41
Label Amendment to Return the Commercial Seed Prohibition to the Label
Application Dated 11/15/2006

Dear Ms. Bujor:

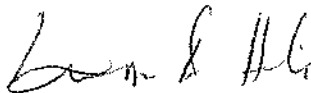
The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit three (3) copies of your final printed labeling before you release the product for shipment. Final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels, such as those silk-screened directly onto glass or metal containers or large bags or drum labels.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(b). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

If you have any questions contact Chris Pfeifer at 703-308-0031 or by email at: pfeifer.chris@epa.gov. A stamped copy of the label is enclosed for your records.

Sincerely,



Linda A. Hollis, Chief
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)

Enclosure

CONCURRENCES								
SYMBOL	7511P	7511P						
SURNAME	PFEIFER	Peter						
DATE	2/8/07	2/14/07						

Note: This master label will be the basis of two different package labels:

- Endorse Wettable Powder Fungicide in Water Soluble Bags
- Endorse Wettable Powder Fungicide

ENDORSE® Wettable Powder Fungicide

For use on Turf, Ornamentals and Non-Food Ginseng

Prohibited for Any Food or Feed Use

GROUP	19	FUNGICIDE
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ACTIVE INGREDIENT:

Polyoxin D zinc salt (1:1)¹,

Zinc 5-[[2-amino-5-O-(aminocarbonyl)-2-deoxy-L-xylonoyl]amino]-1-(5-carboxy-3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-1,5-dideoxy-β-D-allofuranuronate.....

2.5 %

OTHER INGREDIENTS:

97.5 %

TOTAL

100.0%

[†]Equivalent to 2.2% polyoxorim and 0.3% metallic zinc

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 66330-41

EPA Est. No.

Produced for:

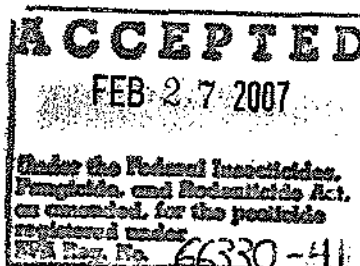
Arysta LifeScience North America Corporation

15401 Weston Parkway, Suite 150

Cary, NC 27513

For Product Use Information Call: 1-866-761-9397

Net Weight: 1 pound, 1.6 ounces
11 lbs



IN WATER SOLUBLE PACKS

Prohibited for Any Food or Feed Use

GROUP	19	FUNGICIDE
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TOTAL	100.0%
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KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA EST. No.

Cary, NC 27513

Each water soluble pack contains 1 lb, 1.6 ounces of product. There is one pack per bag and 10 bags per case.

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
<p align="center">HOTLINE NUMBERS</p> <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p> <p align="center">FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE: Call PROSAR at 1-866-303-6952 or 1-651-632-8946 if calling from outside of the U.S.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if absorbed through skin, swallowed or inhaled. Causes moderate eye irritation. Avoid breathing dust or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment (PPE).

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All mixers, loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks
- Shoes
- Chemical-Resistant gloves

User Safety Requirements

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is moderately toxic to aquatic invertebrates and fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. Do not allow runoff into lakes, streams, ponds or public waterways. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Carefully read and understand the Directions for Use and restrictions before applying this product.

Do not apply this product in any way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribe responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 4 hours unless wearing appropriate PPE.

PPE required for early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: coveralls, socks, shoes, chemical resistant gloves.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep children and pets out of treated area until sprays have dried.

GENERAL INFORMATION

ENDORSE® Wettable Powder Fungicide is not for use on turf being grown for commercial seed production.

ENDORSE Wettable Powder Fungicide is a systemic foliar applied fungicide for use in controlling or suppressing certain diseases on golf courses, residential lawns, parks and commercial and institutional grounds composed of cool and warm season grasses such as bluegrass, bentgrass, fescue, ryegrass, zoysiagrass, or their mixtures. ENDORSE Wettable Powder Fungicide is also for use on ornamentals and ginseng. (Refer to the TURF GRASSES, GINSENG and ORNAMENTALS tables below for specific diseases.)

Apply ENDORSE Wettable Powder Fungicide as a preventive or curative treatment in conjunction with good turf and ornamental management practices.

RESISTANCE MANAGEMENT DIRECTIONS

ENDORSE Wettable Powder Fungicide contains a Group 19 fungicide. Fungal isolates with acquired resistance to Group 19 may eventually dominate the fungal population if Group 19 fungicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by ENDORSE Wettable Powder Fungicide or other Group 19 Fungicides.

To delay fungicide resistance, consider:

- Avoiding the consecutive use of ENDORSE Wettable Powder Fungicide or other target site of action Group 19 fungicides that have a similar target site of action, on the same pathogens.
- Using tank-mixtures or premixes with fungicides from different target site of action Groups as long as the involved products are all registered for the same use and are both effective at the tank mix or prepack rate on the pathogen(s) of concern.
- Basing fungicide use on a comprehensive IPM program.
- Monitoring treated fungal populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for fungicide resistance management and/or IPM recommendations for specific crops and resistant pathogens.

MIXING AND APPLICATION

When tank mixing ENDORSE Wettable Powder Fungicide with other products, observe all precautions and limitations on each separate product label. It is always advisable to conduct a spray compatibility test when you plan to mix this product with other products. To determine the physical compatibility of this product with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry formulations first, then flowables, then emulsifiable concentrates last. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank. Use combinations on a small number of plants to check for phytotoxicity and disease control before treating large areas. Do not use the combination if adverse affects are observed.

Do not apply this product through any type of irrigation system.

Mixing instructions for ENDORSE Wettable Powder Fungicide in water soluble pack:

- Fill spray tank $\frac{3}{4}$ full
- Start spray tank agitation
- Drop water soluble pack(s) in tank
- Direct the balance of water at the floating pack(s)
- Pack(s) must be dissolved before recycling through spray tank

Mix only the amount of spray solution needed to treat the desired area.

For optimum control of labeled diseases, apply ENDORSE Wettable Powder Fungicide with sufficient water to provide a thorough coverage.

With the exception for treatment of Fairy Ring, irrigation or rainfall soon after treatment with ENDORSE Wettable Powder Fungicide will decrease disease control. For best control, do not irrigate for 12 hours after treatment.

TURF GRASSES		
Disease	Rate	Application Notes
Control: Brown Patch Large Patch	1 pack/4,400 square feet in a minimum of 44 gallons of water (0.275 lb ai/acre)	Repeat treatment on a 7-14 day schedule where environmental conditions are conducive to development of diseases. ¹
Aids in Control: (Except California) Cool Weather Brown Patch (Yellow Patch) (<i>Rhizoctonia cerealis</i>) Foliar and Basal Anthracnose (<i>Collectotrichum graminicola</i>) Gray Snow Mold (<i>Typhula ishkariensis</i> and <i>Typhula incarnate</i>) Leaf Spot/Melting Out (<i>Dreschlera poae</i>) Pink Snow Mold (<i>Microdochium solani</i>) Red Thread (<i>Laetisaria fuciformis</i>) Rhizoctonia Damping Off (<i>Rhizoctonia solani</i>) Zoysia Patch (<i>Rhizoctonia solani</i>) on cool and warm season turf grasses		When symptoms are present, best control will be achieved by using a shorter interval. For best results apply after mowing.

TURF GRASSES		
Disease	Rate	Application Notes
Aids in Suppression: (Except California) Gray Leaf Spot (<i>Pyricularia grisea</i>)		
Suppression and Short Term Control: Fairy Ring (including <i>Marasmius</i> spp., <i>Lepiota</i> , spp. and <i>Agarius</i> spp.)	1 pack/4,400 square feet in a minimum of 88 gallons of water (0.275 lb ai/acre)	Make two-three applications on a 7-day interval schedule. Use a penetrating wetting agent. Immediately following application, water in the treatment with sufficient irrigation (0.5-1") to wet the active root zone.
Notes: <ul style="list-style-type: none"> • Use in alternation with fungicides that have different modes of action. • ¹ Consult your local extension agent or local recommendations for information relating to proper timing for control of these diseases. 		

GINSENG (Except California)		
Foliar Disease Control	Rate	Application Notes
Alternaria blight (<i>Alternaria panax</i>) Botrytis blight (<i>Botrytis cinerea</i>)	1 pack/0.5 – 1 acre in 100 gallons of water (0.03 - 0.06 lb ai/100 gal/acre)	Apply as a foliar spray every 7 – 10 days. Apply prior to disease development and when conditions are conducive for disease. ¹
Root and Crown Disease Control	Rate	Application Notes
Cylindrocarpon root rot (<i>Cylindrocarpon destructans</i>)	1 pack/0.5 acre in 100 gallons of water (0.06 lb ai/100 gal/acre)	Apply as a drench every 14 days.
Rhizoctonia root and crown rot (<i>Rhizoctonia solani</i>)	1 pack/0.5 – 1 acre in 100 gallons of water (0.03 – 0.06 lb ai/100 gal/acre)	Apply as a drench every 14 – 28 days.
Notes: <ul style="list-style-type: none"> • Do not use for food or feed purposes within 1 year of treatment. • Apply within 2 weeks following plant emergence and continue throughout the season. • Use in alternation with fungicides that have different modes of action. • ¹ Consult your local extension agent or local recommendations for information relating to proper timing for control of these diseases. 		

ORNAMENTALS		
Foliar Disease Control	Rate	Application Notes
Botrytis blight (<i>Botrytis cinerea</i>)	1 pack/0.5 – 1 acre in 100 gallons of water (0.03 – 0.06 lb ai/100 gal/acre)	Apply as a foliar spray every 7 – 10 days. Apply prior to disease development and when conditions are conducive for disease. ¹
Alternaria blight (<i>Alternaria panax</i>)	1 pack/0.5 acre in 100 gallons of water (0.06 lb ai/ 100 gal/acre)	
Root and Crown Disease Control	Rate	Application Notes
Rhizoctonia root and crown rot (<i>Rhizoctonia solani</i>)	1 pack/0.5 – 1 acre in 100 gallons of water (0.03 – 0.06 lb ai/100 gal/acre)	Apply as a drench every 14 – 28 days.
Notes: <ul style="list-style-type: none"> • Use in alternation with fungicides that have different modes of action. • ¹ Consult your local extension agent or local recommendations for information relating to proper timing for control of these diseases. 		

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in dry place away from food or feed.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty outer packaging (bag) in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Warranty and Disclaimer Statement

1. Arysta LifeScience North America Corporation ("Arysta") warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the Directions for Use under normal conditions of use.
2. This warranty does not extend to the use of this product contrary to label instructions and is subject to the inherent risks described below. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA, THE MANUFACTURER, AND THE SELLER DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE BUYER AND THE USER WAIVE ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA AND THE SELLER'S LIABILITY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. ARYSTA DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**
3. The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Arysta. All such risks shall be assumed by the user or buyer.

ENDORSE is a registered trademark of Arysta LifeScience North America Corporation.

NON WATER SOLUBLE PACK PACKAGING, SUB-LABEL

ENDORSE® Wettable Powder Fungicide

For use on Turf, Ornamentals and Non-Food Ginseng

Prohibited for any Food or Feed Use

GROUP	19	FUNGICIDE
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ACTIVE INGREDIENT:

Polyoxin D zinc salt (1:1)¹,

Zinc 5-[[2-amino-5-O-(aminocarbonyl)-2-deoxy-
L-xylonoyl]amino]-1-(5-carboxy-3,4-dihydro-2,4-
dioxo-1(2H)-pyrimidinyl)-1,5-dideoxy-β-D-
allofuranuronate.....

2.5 %

OTHER INGREDIENTS:.....

97.5 %

TOTAL.....

100.0%

¹Equivalent to 2.2% polyoxorim and 0.3% metallic zinc

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA Reg. No. 66330-41

EPA EST. No. _____

Produced for:

Arysta LifeScience North America Corporation

15401 Weston Parkway, Suite 150

Cary, NC 27513

For Product Use Information Call: 1-866-761-9397

Net contents: 11 lbs

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
<p align="center">HOTLINE NUMBERS</p> <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p> <p align="center">FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE: Call PROSAR at 1-866-303-6952 or 1-651-632-8946 if calling from outside of the U.S.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if absorbed through skin, swallowed or inhaled. Causes moderate eye irritation. Avoid breathing dust or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment (PPE).

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All mixers, loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks
- Shoes
- Chemical-Resistant gloves

User Safety Requirements

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is moderately toxic to aquatic invertebrates and fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. Do not allow runoff into lakes, streams, ponds or public waterways. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Carefully read and understand the Directions for Use and restrictions before applying this product.

Do not apply this product in any way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribe responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 4 hours unless wearing appropriate PPE.

PPE required for early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: coveralls, socks, shoes, chemical resistant gloves.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep children and pets out of treated area until sprays have dried.

GENERAL INFORMATION

ENDORSE® Wettable Powder Fungicide is not for use on turf grown for commercial seed production.

ENDORSE Wettable Powder Fungicide is a systemic foliar applied fungicide for use in controlling or suppressing certain diseases on golf courses, residential lawns, parks and commercial and institutional grounds composed of cool and warm season grasses such as bluegrass, bentgrass, fescue, ryegrass, zoysiagrass, or their mixtures. ENDORSE Wettable Powder Fungicide is also for use on ornamentals and ginseng. (Refer to the TURF GRASSES, GINSENG and ORNAMENTALS tables below for specific diseases.)

Apply ENDORSE Wettable Powder Fungicide as a preventive or curative treatment in conjunction with good turf and ornamental management practices.

RESISTANCE MANAGEMENT DIRECTIONS

ENDORSE Wettable Powder Fungicide contains a Group 19 fungicide. Fungal isolates with acquired resistance to Group 19 may eventually dominate the fungal population if Group 19 fungicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by ENDORSE Wettable Powder Fungicide or other Group 19 Fungicides.

To delay fungicide resistance, consider:

- Avoiding the consecutive use of ENDORSE Wettable Powder Fungicide or other target site of action Group 19 fungicides that have a similar target site of action, on the same pathogens.
- Using tank-mixtures or premixes with fungicides from different target site of action Groups as long as the involved products are all registered for the same use and are both effective at the tank mix or prepack rate on the pathogen(s) of concern.
- Basing fungicide use on a comprehensive IPM program.
- Monitoring treated fungal populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for fungicide resistance management and/or IPM recommendations for specific crops and resistant pathogens.

MIXING AND APPLICATION

When tank mixing ENDORSE Wettable Powder Fungicide with other products, observe all precautions and limitations on each separate product label. It is always advisable to conduct a spray compatibility test when you plan to mix this product with other products. To determine the physical compatibility of this product with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry formulations first, then flowables, then emulsifiable concentrates last. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank. Use combinations on a small number of plants to check for phytotoxicity and disease control before treating large areas. Do not use the combination if adverse effects are observed.

Do not apply this product through any type of irrigation system.

Mixing instructions for ENDORSE Wettable Powder Fungicide:

- Fill spray tank to $\frac{3}{4}$ of the intended final volume.

- Start spray tank agitation.
- Add the appropriate amount of product to the tank (refer to Rate and Schedule section of label). Follow the directions above for mixing other products in the spray tank.
- Agitate to ensure thorough mixing while adding the remaining required water.
- DO NOT allow the spray mixture to stand without agitation.

Mix only the amount of spray solution needed to treat the desired area.

For optimum control of labeled diseases, apply ENDORSE Wettable Powder Fungicide with sufficient water to provide a thorough coverage.

With the exception for treatment of Fairy Ring, irrigation or rainfall soon after treatment with ENDORSE Wettable Powder Fungicide will decrease disease control. For best control, do not irrigate for 12 hours after treatment.

For best results, apply after mowing.

TURF GRASSES		
Disease	Rate	Application Notes
Control: Brown Patch Large Patch	11 lbs/acre (0.275 lb ai/acre in a minimum of 44 gallons of water)	Repeat treatment on a 7-14 day schedule where environmental conditions are conducive to development of diseases. ¹ When symptoms are present, best control will be achieved by using a shorter interval. For best results apply after mowing.
Aids in Control: (Except California) Cool Weather Brown Patch (Yellow Patch) (<i>Rhizoctonia cerealis</i>) Foliar and Basal Anthracnose (<i>Collectotrichum graminicola</i>) Gray Snow Mold (<i>Typhula ishikariensis</i> and <i>Typhula incarnate</i>) Leaf Spot/Melting Out (<i>Dreschlera poae</i>) Pink Snow Mold (<i>Microdochium solani</i>) Red Thread (<i>Laetisaria fuciformis</i>) Rhizoctonia Damping Off (<i>Rhizoctonia solani</i>) Zoysia Patch (<i>Rhizoctonia solani</i>) on cool and warm season turf grasses		

TURF GRASSES		
Disease	Rate	Application Notes
Aids in Suppression: (Except California) Gray Leaf Spot (<i>Pyricularia grisea</i>)		
<u>Suppression and Short Term Control:</u> Fairy Ring (including <i>Marasmius</i> spp., <i>Lepiota</i> , spp. and <i>Agarius</i> spp.)	4 ozs/1000 square feet in minimum of 2 gallons of water (0.275 lb ai/acre in a minimum of 88 gallons of water)	Make two-three applications on a 7-day interval schedule. Use a penetrating wetting agent. Immediately following application, water in the treatment with sufficient irrigation (0.5-1") to wet the active root zone.
Notes: <ul style="list-style-type: none"> • Use in alternation with fungicides that have different modes of action. • ¹ Consult your local extension agent or local recommendations for information relating to proper timing for control of these diseases. 		

GINSENG (Except California)		
Foliar Disease Control	Rate	Application Notes
Alternaria blight (<i>Alternaria panax</i>) Botrytis blight (<i>Botrytis cinerea</i>)	1.1 – 2.2 lb/100 gal/acre (0.03 - 0.06 lb ai /100 gal/ acre)	Apply as a foliar spray every 7 – 10 days. Apply prior to disease development and when conditions are conducive for disease. ¹
Root and Crown Disease Control	Rate	Application Notes
Cylandrocarpon root rot (<i>Cylandrocarpon destructans</i>)	2.2 lb/100 gal/acre (0.06 lb ai/100 gal/acre)	Apply as a drench every 14 days.
Rhizoctonia root and crown rot (<i>Rhizoctonia solani</i>)	1.1 - 2.2 lb/100 gal/acre (0.03 – 0.06 lb ai/100 gal/acre)	Apply as a drench every 14 – 28 days.
Notes: <ul style="list-style-type: none"> • Do not use for food or feed purposes within 1 year of treatment. • Apply within 2 weeks following plant emergence and continue throughout the season. • Use in alternation with fungicides that have different modes of action. • ¹ Consult your local extension agent or local recommendations for information relating to proper timing for control of these diseases. 		

ORNAMENTALS		
Foliar Disease Control	Rate	Application Notes
Botrytis blight (<i>Botrytis cinerea</i>)	1.1 – 2.2 lb/100 gal/acre (0.03 – 0.06 lb ai/100 gal/acre)	Apply as a foliar spray every 7 – 10 days. Apply prior to disease development and when conditions are conducive for disease. ¹
Alternaria blight (<i>Alternaria panax</i>)	2.2 lb/100 gal (0.06 lb ai/100 gal/acre)	
Root and Crown Disease Control	Rate	Application Notes
Rhizoctonia root and crown rot (<i>Rhizoctonia solani</i>)	1.1 - 2.2 lb/100 gal/acre (0.03 – 0.06 lb ai/100 gal/acre)	Apply as a drench every 14 – 28 days.
Notes: <ul style="list-style-type: none"> • Use in alternation with fungicides that have different modes of action. • ¹ Consult your local extension agent or local recommendations for information relating to proper timing for control of these diseases. 		

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in dry place away from food or feed.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed, by State and local authorities, by burning. If burned, stay out of smoke.

Warranty and Disclaimer Statement

1. Arysta LifeScience North America Corporation ("Arysta") warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the Directions for Use under normal conditions of use.
2. This warranty does not extend to the use of this product contrary to label instructions and is subject to the inherent risks described below. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA, THE MANUFACTURER, AND THE SELLER DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE BUYER AND THE USER WAIVE ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA AND THE SELLER'S LIABILITY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. ARYSTA DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**
3. The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Arysta. All such risks shall be assumed by the user or buyer.

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BPPD Label Amendment Checklist
Fast Track ☒ and PRIA Actions B68 ☐, B73 ☐ & B90 ☐

EPA Reg. No.: 66330-41

RAL: Chris Pfeifer

Application Date: 11/15/2006

#	Check list Item	Yes	No
1.	Application Form (EPA Form 8570-1) - signed & complete, including package type? If NO, stop! Call applicant and have them correct application and resubmit.	✓	
2.	Final printed labeling received for previous action? If NO, stop! E-mail applicant and request final printed labeling (FPL).	✓	
3.	Data and Data Matrix present? (EPA Form 8570-35) A Data Matrix is not required for 100% repacks that have the same label uses as the parent product, and that derive their data from the formulator; nor is it required for minor amendments, which do not rely on data. In these cases, skip to Item 5.		✓ NA <small>Skip to 5</small>
a.	Using Selective Method (including the cite-all option under the Selective Method)? If using Cite-all method only, skip to Item 4.		
b.	Complete Data Matrix supporting both the product registration and the proposed amendment. Minimum Data Matrix for registration includes: Product specific Acute Toxicity and Product Chemistry data, plus Efficacy data for public health pests claimed on label.		
c.	Adequate product specific data?		
d.	Registered source used for active ingredient? If YES, skip to Item 5. If NO or if use not supported by registered source, generic data is necessary.		
e.	Data passed PR Notice 86-5 for formatting and MRID assignment?		
f.	Public copy of Data Matrix provided? (PRN 98-5)		
4.	Certification with Respect to Citation of Data present. (EPA Form 8570-34): See 40 CFR 152.80-98 and PR Notice 98-5. (If no data are required, a Certification with Respect to Citation of Data form isn't needed. This is often true for minor amendments.) NA <input checked="" type="checkbox"/>		
a.	Did applicant check a Method of Support?		
b.	General Offer to Pay checked for Cite-all Method or Cite-all under Selective Method?		
c.	Is the form signed and dated?		
d.	Check form and Data Matrix. Are Exclusive Use data cited from other sources? If YES, is the required authorization letter included in application? NA <input type="checkbox"/>		
5.	Label(s) Review <u>Date of Label Review: 2/2/2007</u>		
a.	Label(s) in conformance with current <i>Label Review Manual</i> and appropriate REDS.	✓	
b.	Labeling from Acute Toxicity, Product Chemistry, and Efficacy data for public health pests claimed on label.	✓	
c.	Nominal concentration of active ingredient shown in ingredients statement.	✓	
d.	Viability included as sub-statement of Ingredient Statement (if live microbial, i.e., cfu/gram). NA <input checked="" type="checkbox"/>		
e.	Storage and disposal instructions agree with container types listed on application form.	✓	
f.	Unique Product Name for Same Company (Check OPPIN).	✓	
g.	Does CSF list peanuts, tree nuts, milk, soybeans, eggs (including putrescent eggs), fish, crustacea, or wheat commodities? If YES, RAL must evaluate label for compliance with 40 CFR 180.1071.		✓
h.	Does label bear "National Organic Program" (PR Notice 2003-1) or OMRI claims?		✓
i.	If YES, National Organic Program or OMRI claims approved by Bob Torla? NA <input checked="" type="checkbox"/> Labeling is acceptable. Corrections or changes are NOT necessary.	✓	
j.	Comments:		

Label Review

File Symbol: 66330-41

Date: 2/2/2007

Reviewer: Chris Pfeifer

Site/Use		[Res / Ag / Both]		[Food / Non-Food / Both]	
[Tox Categories:		[AcOral: 4 /AcDerm: 3 /AcInhl: 4 /EyeIrr: 3 /SkinIrr: 4 DermSens: No]			
Label Requirement	Acceptable	Not Acceptable	N/A	Comments Recommendations	LRM3
Restricted Use Pesticide	-----	-----	----		Ch 6
Product Name	√				Pg 12-3
Compny Name and Info	√			Moved ph#	Pg 15-1
Identification Numbers	√				Ch 14
Net Contents	√				Ch 17
Ingredients Statement	√				Ch 5
Label Claims	√				Pgs 4-5, 5-7 11-10 & Ch 12
Alternate Formula			√		5-12

Precautionary Statements						
Label Requirement	Acceptable	Not Acceptable	N/A	Comments Recommendations	LRM3	
KOROC	√				3-1 & 9 7-3 & 4	
Signal Word	√				Ch 3 Ch 7 Ch 10	
General Heading Precautionary Statements	√			Emboldened	Ch 7	
First Aid (PRN 20001-1)	√			Amended Hotline Box	Ch 3 & 7	

Hazards to Humans and Domestic Animals	√			Added text	Ch 3, 7-3	
PPE (WPS) Engineering Controls	√				Ch 7, Pg 7-12 Pgs 10-4, 15	
User Safety Requirements	√			Minor Edit	Ch 10	
User Safety Recommendations	√				Ch 10	
Environmental Hazards	√			Minor edit	Ch 8	
Physical and Chemical Hazards			√		Pg 3-4 Ch 9	

Directions for USE (FIFRA Text, WPS plus Storage and Disposal)					
Label Requirement	Acceptable	Not Acceptable	N/A	Comments Recommendations	LRM3
Header: Directions for Use	√			Emboldened	10-16
Violation of Federal Law text	√				10-26, 11-7
WPS Text (PPE)	√				Ch 10, 7-1 7-11
Non-WPS Text	√				7-12, Ch 10
Storage and Disposal	√				11-16, Ch 13

Directions for Use (General Instructions and Information)					
Label Requirement	Acceptable	Not Acceptable	N/A	Comments Recommendations	LRM3
General Instructions and Sub-Header	√				
Chemigation / Prohibition			√		PRN
REI	√				Pg 10-20

Label Requirement	Acceptable	Not Acceptable	N/A	Comments Recommendations	LRM3
General Info. (non-site specific info. on uses, pests, mixing, and loading, tank mixing, etc.)	√			Pest information streamlined. Prohibition added back to label	
General Precautions and Restrictions	√				
Directions for Use					
Directions for Application	√				
Warranty Information					
Consistency with label instructions	√				12-6
Not false or misleading	√			Major edit again	
<p>"The warranty section contains an overly broad statement concerning limitations of liability. As such, this statement may be misleading and may constitute misbranding under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). It is suggested that the existing statement be preceded by the phrase, "to the extent allowable by state law," or otherwise qualified to make it clear that this warranty is not intended to be a statement of law which implies that the buyer has no legal rights to recover damages from the manufacturer if he/she suffered a loss or injury from the product and concludes that it would be futile to pursue what might in reality be a valid claim."</p>					

-----Original Message-----

From: Pfeifer.Chris@epamail.epa.gov
[mailto:Pfeifer.Chris@epamail.epa.gov]
Sent: Friday, February 02, 2007 6:46 PM
To: Bujor, Doina
Subject: Re: FW: FINAL REVISED LABELS: Endorse WP (Arysta & Kaken)

Hi Doina,

If we can get some small items hammered out by the end of Tuesday, we should be able to get these labels stamped for you next week. (Note: Could you have used an older draft on this round? Many of these issues were things that you'd addressed previously.) The improvements for both labels follow:

- 1) Place the product information ph# under the company address.
- 2) In the 1st Aid box, put the statement "Have the product container or label..." under the Hotline number subheading; and eliminate the extra box.
- 3) Enlarge and embolden your D for U and Precautionary Statements heading relative to all the other subheadings. Unembolden the "Caution" that leads your Hazard section.
- 4) In the Human Hazards statement, add the statement "Avoid contact with skin, eyes, or clothing." after your "Avoid breathing dust..." sentence.
- 5) De-emphasize the User Safety Requirement subheading so that it is clear that it is a sub-subheading of the PPE Statement.
- 6) Your first sentence of your second paragraph under General Information (systemic foliar...) is too broad. Either leave the larger section listing the specific diseases the way it was or find a way to effectively refer the user to the specific diseases that you have in your tables. Otherwise you are in danger of making broad claims, and triggering efficacy requirements. (Your rate changes and added diseases in the tables appear OK.)
- 7) Back to the Warranty again. Just like last time - we have a problem. You had corrected it on the last go round - this is an unfortunate backslide. (Note: Since the last time our lawyers - OGC - have weighed in strongly: Broad and misleading Warranty Statements are considered misbranding.) If warranties are not tied to conformance with the label, or if they imply an unqualified lack of responsibility for the product's performance they don't fly. Please refer to our previous correspondence for direction. For guidance:
 - a) To start, the heading is Warranty, Warranty Statement, or Warranty and Disclaimer, ... not Conditions of Sale.
 - b) It's to the "extent permitted..." not "consistent." (Correctional note added after this correspondence: OGC now approves the term "consistent.")
 - c) You need to define abnormal use conditions as they relate to your D for U.
 - d) You can't deny claims for something as broad as use, handling, etc.. unless it's tied to conformity with the label. (See changed language in 2.)
 - e) Your new 3 is riddled with all types of the aforementioned problems.

You'll note, other than the Warranty Statement and the disease listing, all of this is pretty easy. Also, I want to thank you for catching the required Environmental Hazards language.

Please call with any questions or comments.

Regards,
Chris
EPA BPPD
703-836-3649 (Mondays)
703-308-0031

Receipt for Section 3

S: Resubmission: ☐ Yes ☒ No

Regulatory Type: Fee For Service: ☒ Yes ☐ No

Application Type: Billable: ☐ Yes ☒ No

Company: ☒ V

Risk Manager:

Product #: Product Name:

Override#:

Me Too Section3: Me Too Product Name:

Application Date: ☒ ip OPP Rec'd Date: ☒ ip

Front End Date: ☒ ip Risk Manager Send Date: ☒ ip

FES Due Date: Negotiated Due Date:

OPP Target Date:

Fast Track: ☐ New Ingredient: ☐

Receipt Description:

New Ingredient Request Date:
 New Ingredient Received Date:

EPA-OPPIN Main - Co... EPA-OPPIN Main - Co... 1:18 PM

300 Fast Track Amendment - TODD

LH 4th Floor
 Fed. end.
 Received 11/16/06

AIO- Todd
 DEC 8 2006
 sdh



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

November 17, 2006

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

DOINA BUJOR
ARYSTA LIFESCIENCE NORTH AMERICA CORPORATION
PARK WEST II 15401 WESTON PKWY SUITE 150
CARY, NC 27513-

PRODUCT NAME: ENDORSE WETTABLE POWDER FUNGICIDE
COMPANY NAME: ARYSTA LIFESCIENCE NORTH AMERICA CORPORATION
EPA FILE SYMBOL: 66330-41
EPA RECEIPT DATE: 11/13/06

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application appears to qualify for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability for fast track status.

If you have any questions, please contact Biologicals & Pollution Prevention Division, PM Team 91, at (703) 308-9525.

Sincerely,

A handwritten signature in cursive script, appearing to read "Julie", is written over the typed name.

Front End Processing Staff
Information Services Branch
Information Technology & Resources Management Division

Fee for Service

{801383%~

This package includes the following

☐ New Registration

☒ Amendment

☐ Studies? ☐ Fee Waiver?

☐ volpay % Reduction: _____

for Division

☐ AD

☒ BPPD

☐ RD

Risk Mgr. 91

Receipt No.	S-	801383
EPA File Symbol/Reg. No.		66330-41
Pin-Punch Date:		11/13/2006

☒ This item is NOT subject to FFS action.

Action Code:

Requested:

Granted:

Amount Due: \$ _____

Parent/Child Decisions:


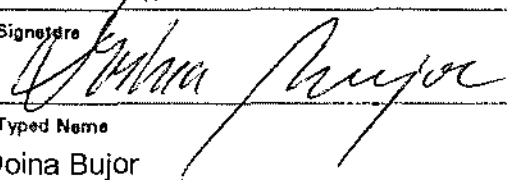
Reviewer: Hells Date: 11-16-06

Remarks:



Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

 United States Environmental Protection Agency Washington, DC 20460		<table border="1" style="margin: auto;"><tr><td style="width: 20px; height: 20px;"></td><td style="text-align: center;">Registration</td></tr><tr><td style="width: 20px; height: 20px; text-align: center;">X</td><td style="text-align: center;">Amendment</td></tr><tr><td style="width: 20px; height: 20px;"></td><td style="text-align: center;">Other</td></tr></table>		Registration	X	Amendment		Other	OPP Identifier Number				
	Registration												
X	Amendment												
	Other												
Application for Pesticide - Section I													
1. Company/Product Number 66330-41		2. EPA Product Manager Denise Greenway											
4. Company/Product (Name) ENDORSE Wettable Powder Fungicide		3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted											
5. Name and Address of Applicant (Include ZIP Code) Arysta LifeScience North America Corporation 15401 Westom Parkway, Suite 150 Cary, NC 27513 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____											
Section - II													
<input checked="" type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Final printed labels in response to Agency letter dated _____													
<input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input type="checkbox"/> "Mo Too" Application.													
<input type="checkbox"/> Notification - Explain below. <input type="checkbox"/> Other - Explain below.													
Explanation: Use additional page(s) if necessary. (For section I and Section II.) Removed the turf grown for commercial seed production use													
Section - III													
1. Material This Product Will Be Packaged In:													
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <table border="1" style="width: 100%;"><tr><td style="width: 20px; height: 20px;"></td><td>Metal</td></tr><tr><td style="width: 20px; height: 20px;"></td><td>Plastic</td></tr><tr><td style="width: 20px; height: 20px;"></td><td>Glass</td></tr><tr><td style="width: 20px; height: 20px; text-align: center;">X</td><td>Paper</td></tr><tr><td style="width: 20px; height: 20px;"></td><td>Other (Specify) _____</td></tr></table>		Metal		Plastic		Glass	X	Paper		Other (Specify) _____
	Metal												
	Plastic												
	Glass												
X	Paper												
	Other (Specify) _____												
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container											
If "Yes" Package wgt. No. per container													
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1 lb 1.6 oz and 11 lb											
5. Location of Label Directions <input type="checkbox"/>		6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____											
Section - IV													
1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)													
Name Doina Bujor		Title Regulatory Manager											
Telephone No. (Include Area Code) 919-678-4879													
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			5. Date Application Received (Stamp) 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3										
2. Signature 		3. Title Regulatory Manager Manager											
4. Typed Name Doina Bujor		5. Date November 8, 2006											



Arysta LifeScience

November 8, 2006

Sheryl K. Reilly, Ph.D. Chief
Biochemical Pesticides Branch
Biopesticide and Pollution Prevention Division (7511C)
U.S. Environmental Protection Agency
One Potomac Yard
2777 S Crystal Drive
Arlington, VA 22202
Phone: 703-308-8265

RE: **ENDORSE Wettable Powder Turf Fungicide (EPA Reg. No. 66330-41 and 68173-2)**

Dear Dr. Reilly:

The present is an amendment request submission for Endorse WP Turf Fungicide, EPA Reg. No. 68173-2 (Kaken - Arysta as agent in US) and 66330-41 (Arysta). This submission was requested by Chris Pfeifer through phone conversation followed by an e-mail. The change requested by Mr. Pfeifer was to remove the turf grown for commercial seed production use. Beside this change we made additional changes that were requested by Dr. Frazer during her review of the Endorse WDG label EPA Reg. No. 66330-56 and 68173-3)

We would like to know what additional data will be needed to reinstate the use removed through the present submission (turf grown for commercial seed production).

Enclosed are the following documents:

- EPA Form 8570-1 for EPA Reg. No. 66330-41
- EPA Form 8570-1 for EPA Reg. No. 68173-2
- 1 copy of the redline label for EPA Reg. No. 66330-41
- 5 copies of the clean label for EPA Reg. No. 66330-41
- 1 copy of the redline label for EPA Reg. No. 68173-2
- 5 copies of the clean label for EPA Reg. No. 68173

We believe that the present submission qualifies as a fast track review and it is not subject to PRIA. If you have any questions in this matter please contact me at (919) 678-4879 or by e-mail at (doina.bujor@arystalifescience.com).

Sincerely,

Doina Bujor
Regulatory Manager
Regulatory Affairs